

Audrey Magoun

From: "TWF" <gulogulo@mindspring.com>
To: "Magoun Audrey" <amagoun@ptialaska.net>
Sent: Thursday, March 28, 2013 3:35 PM
Subject: Re: tooth eruption
 Audrey,

What a gorgeous little *Gulo*!

After gleaning as much insight as I could from Bob's kit photo, I would offer the following comments:

First, I am basing my age estimate on the photo solely, not only because of Bob's qualifiers, but also as a result of his statement that their records indicated, "no incisors were erupted".

From my data, I^3 were fully in place at 49 days. Dale's (Sue) limited observation data is also consistent with I^3 erupted by 7 weeks. Although the photo of the lower dentition is certainly not at the quality level needed to feel certain of the dentition status, I would suggest this individual was 11-12 weeks old at the time of the photo. This is based on what appears to be the lower canines, PM_3 , PM_4 , and M_1 fully in place.

By our data, there is a period of 2+ weeks (70-83+ days) that this formula would be in place before I_1 erupts (I_1 eruption 83-90 days).

Also, from my experience with *Gulo* kits I would further guess that this kit is probably closer to 12 weeks than 11 weeks. This is subjectively based on the individual's pelage and gross appearance. I don't know if this kit's locomotion was reasonably developed at the time of the capture, but our kits were uncoordinated when running and their climbing ability was very limited at 11 weeks. By 12 weeks it had definitely improved.

It would have been interesting to palpate the incisal line, as it appears small "white bumps" are present.

Clint

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2013.0.3267 / Virus Database: 3161/6210 - Release Date: 03/28/13